**GUIDE TO INSTALL AND USE THE CRUD WEB APPLICATION**

Every equipment needed to run this web application can be found on my GitHub account which is below.

**TOOLS TO INSTALL**

The Text editor used is sublime.

The local server used is xampp.

The browser used to monitor the app during the development is Chrome.

**TOOLS USED FOR THE DEVELOPMENT OF THE WEB APPLICATION**

The languages used to develop this application are: html, css, bootstrap, php, and mysql.

**HOW TO RUN THE APPLICATION**

Download the sublime setup and install it, then open it and you will see that you can write texts in it and save it as different types of files.

Download the xampp setup and install it, then check your **C** **drive** and you will find a folder called xampp.

Download the folder CRUD with all the files in it from my GitHub account, then open the xampp folder and search for the folder called htdocs, open it and paste the folder CRUD inside it.

Start the xampp server by clicking on its control panel, you should be able to see an icon of it on your computer. Then click start button for only Apache and Mysql options, don’t click start for the other options.

Start any browser of your choice majorly Chrome or Firefox and type localhost in the url search bar. You will be taken to a mysql page, click phpmyadmin and you will be taken to a page where databases can be created.

On the left sidebar you will see a list of links. Click the New link and you will be taken to a page where you can create database. Type **login** into the text box and click Create. Make sure you type login as the name of the database, this is very important for the app to run.

You will now have **login** as one of the links on the sidebar and as one of the databases, it will be the only database you have if it is your first database. On the wide right side of the page you will see a list menu where we have different tabs like Structure, SQL, Search and so on. Click the SQL and you will see a textbox.

Minimize the browser and go back to the CRUD folder, open a file called sql with notepad or the sublime editor, copy the texts you see in it and go back to the browser to paste those texts into the textbox. Be careful not to edit the copied text. Click Go, this will put some tables that consists of important data into the database. You can expand this database to see its tables, we have the news table and the users table. They both consist of some data.

Open another tab on your browser and type **localhost/CRUD** then hit enter and you will be directed to a login page.

There are only two accounts on the web application, the administrator’s account and the guest’s account. To login into the admin’s account, use the username ‘Admin’ and password ‘password’. To login into the guest’s account use the username ‘Guest’ and password ‘password’.

In the admin’s account you can make posts, update them, delete them and even read them.

In the guest’s account you can read the admin’s posts in your inbox, and the amount unread posts are signified.

You can logout from which ever account you are in by clicking the power button on the top right corner where you have your username.

To modify this app you will have to have a basic understanding of the technology used. This will definitely not be a problem for any full stack developer especially an advanced developer. To get started in the modification, open the folder CRUD and study the inner folders and files and the codes in the files. You will also have to open the database as we did earlier and study its structure before you can modify it too.

Let’s say you want to have another account or you want to change how the interface looks or add more to the app’s functionalities, that’s how you do it in the immediate previous paragraph.